

What is claimed is:

1. A facsimile apparatus comprising:

a facsimile communication section which has a plurality of the same or different types of network channels to be used in facsimile communication;

an e-mail communication section which transmits/receives e-mail; and

a channel selecting section which selects a channel used to facsimile-transmit image included in e-mail subjected to relay request in accordance with channel selection information.

2. The apparatus according to claim 1, wherein a different relay password to permit relay is fixed for each of said channels and said facsimile apparatus uses said relay password as said channel selection information.

3. A facsimile apparatus comprising:

a facsimile communication section which has a plurality of the same or different types of network channels to be used in facsimile communication;

an e-mail communication section which transmits/receives e-mail;

a channel selection information table which stores a plurality of pairs of said network channel and channel selection information corresponding to said network channel; and

a channel selecting section which specifies said network channel to be used with reference to

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said channel selection information table based on  
said channel selection information when e-mail,  
which includes said channel selection information  
and dial information of transmission destination,  
5 is received,

wherein said facsimile communication section  
uses said specified network channel to facsim-  
ile-transmit image information of said received  
e-mail to said dial information.

10 4. The apparatus according to claim 3, wherein  
when said channel selection information table has  
no channel selection information extracted from said  
received e-mail, said apparatus provides  
notification, in which said channel selection  
15 information is improper, to a sender of said received  
e-mail.

5. The apparatus according to claim 3, wherein  
when there is neither said channel selection  
information nor said dial information in said re-  
20 ceived e-mail, said facsimile apparatus prints out  
information of said e-mail.

6. The apparatus according to claim 3, wherein  
a content of said channel selection information  
table is updated by input information from a panel  
25 control section.

7. The apparatus according to claim 3, wherein  
said plurality of network channels is network  
channels corresponding to PSTN and ISDN.

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8. The apparatus according to claim 3, wherein  
said plurality of network channels is network  
channels for performing outside-line communication  
using PSTN or ISDN and network channels for  
5 performing internal-line communication using LAN.

9. The apparatus according to claim 3, wherein  
said plurality of network channels is network  
channels which perform G3 facsimile communication  
and network channels which perform G4 facsimile  
10 communication.

10. A channel selecting method in a facsimile  
relay apparatus in which a plurality of the same or  
different types of channels is usable, wherein said  
channel selecting method selects a channel to be used  
15 in facsimile-transmitting image information  
included in e-mail subjected to relay request in  
accordance with channel selection information in-  
cluded in said e-mail.

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